

Name:

Date:

- 1 : Mary chooses an integer at random from 1 to 6. What is the probability that the integer she chooses is a prime number?
- (1)  $\frac{5}{6}$                       (3)  $\frac{2}{6}$   
(2)  $\frac{3}{6}$                       (4)  $\frac{4}{6}$
- 2 : The probability that a planted watermelon seed will sprout is  $\frac{3}{4}$ . If Peyton plants seven seeds from a slice of watermelon, find, to the *nearest ten thousandth*, the probability that *at least* five will sprout.